



FAA-E-2004b
AMENDMENT-1
DEC 1 1978

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION SPECIFICATION

CABLE, CONTROL, SHIELDED PAIRS, INTERIOR

This amendment forms a part of FAA-E-2004b dated April 28, 1972.

Page 2, paragraph 2.1.1 and throughout remainder of Specification: change ASTM D-2287-70 to ASTM D-2287-75.

Page 2, paragraph 2.1.2: Change "S-56-434 polyethylene - insulated, thermoplastic-jacketed communication cables" to "S-56-434 (ANSI C8.47) polyolefin - insulated thermoplastic-jacketed communication cables."

Page 4, paragraph 4.2.3: Delete the second and third sentences and add the following: "Minimum acceptable resistance shall be in accordance with IPCEA S-56-434, paragraph 42.12 on a minimum of two pair from the first 2,000 feet (609.6m) of completed cable on order and on a minimum of two pair from 2,000 feet (609.6m) from each 50,000 feet (15.24km) of cable, or fraction thereof, on the order."

Page 4, paragraph 4.2.7: Delete the third sentence and add the following: "Normal capacitance between conductors of a pair shall be 54pf/ft (177 pf/m), and shall be 108 pf/ft (354 pf/m) between one conductor of a pair and the other conductor, connected to the shield."

Page 5, paragraph 5.2: Delete this paragraph in its entirety and substitute the following: "5.2 Reel Marking - The contractor's name, contract number, NSN, type of cable and footage shall be permanently marked on .020 inch (50.8mm) thick photosensitive aluminum plates conforming to Specification MIL-P-514, Type III, Composition C. The footage of each

reel shall be stamped on at the factory. The aluminum shall be in accordance with Federal Specification GG-P-455, Type I or II, Grade A, Class I. Lettering shall be 1/4 inch (6.35 mm) high. Plates shall be attached to both reel flanges. The name and address of the consignee shall be applied plainly on both reel flanges with permanent ink or paint."

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